

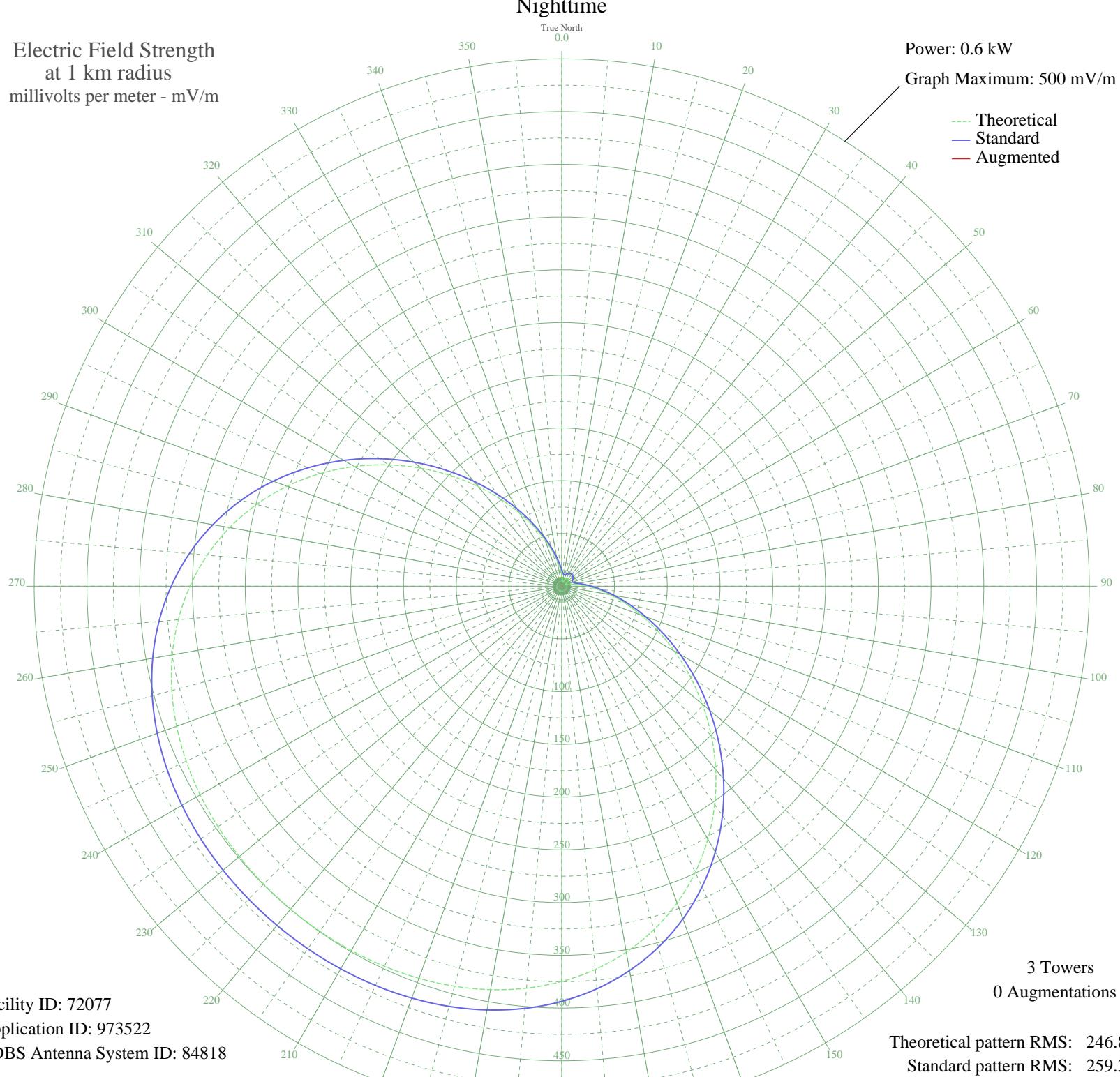
WKKD SILVIS, IL BMJP-20040130BMS 1580 kHz

Nighttime

Electric Field Strength
at 1 km radius
millivolts per meter - mV/m

Power: 0.6 kW
Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented



Facility ID: 72077
Application ID: 973522
CDBS Antenna System ID: 84818

3 Towers
0 Augmentations

Theoretical pattern RMS: 246.80
Standard pattern RMS: 259.30

Azimuth	E _{theo}	E _{std}	E _{aug}
0	10.95	15.57	
5	6.48	12.51	
10	3.52	11.13	
15	3.31	11.06	
20	5.11	11.79	
25	7.04	12.84	
30	8.58	13.83	
35	9.56	14.52	
40	9.89	14.77	
45	9.56	14.52	
50	8.58	13.83	
55	7.04	12.84	
60	5.11	11.79	
65	3.31	11.06	
70	3.52	11.13	
75	6.48	12.51	
80	10.95	15.57	
85	16.87	20.59	
90	24.59	27.87	
95	34.50	37.71	
100	46.93	50.38	
105	62.08	66.02	
110	79.98	84.63	
115	100.49	106.04	
120	123.32	129.91	
125	147.98	155.74	
130	173.92	182.92	
135	200.47	210.76	
140	226.94	238.52	
145	252.65	265.49	
150	276.99	291.03	
155	299.45	314.60	
160	319.63	335.77	
165	337.29	354.31	
170	352.33	370.09	
175	364.78	383.16	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	374.78	393.66	
185	382.57	401.84	
190	388.45	408.00	
195	392.71	412.48	
200	395.68	415.60	
205	397.66	417.67	
210	398.88	418.96	
215	399.54	419.65	
220	399.74	419.86	
225	399.54	419.65	
230	398.88	418.96	
235	397.66	417.67	
240	395.68	415.60	
245	392.71	412.48	
250	388.45	408.00	
255	382.57	401.84	
260	374.78	393.66	
265	364.78	383.16	
270	352.33	370.09	
275	337.29	354.31	
280	319.63	335.77	
285	299.45	314.60	
290	276.99	291.03	
295	252.65	265.49	
300	226.94	238.52	
305	200.47	210.76	
310	173.92	182.92	
315	147.98	155.74	
320	123.32	129.91	
325	100.49	106.04	
330	79.98	84.63	
335	62.08	66.02	
340	46.93	50.38	
345	34.50	37.71	
350	24.59	27.87	
355	16.87	20.59	

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

02 Nov 2005

Prepared by Audio Division, Media Bureau
Federal Communications Commission